

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048732.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 12:27
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
 Quant Time: Nov 14 13:17:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 13:17:05 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.365	1863801	10.821 ug/ml
Spiked Amount 50.000		Recovery =	21.64%
6) S 2-Fluorobiphenyl (SURR)	8.215	1201178	10.554 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.11%
11) S ortho-Terphenyl (SURR)	11.249	2040759	10.910 ug/ml
Spiked Amount 50.000		Recovery =	21.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	1983747	10.728 ug/ml
2) T Naphthalene (C11.7)	5.706	2064735	10.722 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	2042165	10.825 ug/ml
5) T Acenaphthylene (C15.06)	8.017	2046764	10.849 ug/mlm
7) T Acenaphthene (C15.5)	8.311	2041539	10.874 ug/ml
8) T Flouorene (C16.55)	9.090	2022487	10.732 ug/ml
9) T Phenanthrene (C19.36)	10.476	1926152	10.709 ug/ml
10) T Anthracene (C19.43)	10.552	1984238	10.885 ug/ml
12) T Fluoranthene (C21.85)	12.281	1932115	10.839 ug/ml
13) T Pyrene (C20.8)	12.574	1881150	10.713 ug/ml
14) T Benzo[a]anthracene (C...	14.443	1716582	10.495 ug/ml
15) T Chrysene (C27.41)	14.484	1873731	11.079 ug/ml
16) T benzo[b]fluoranthene ...	15.988	1642501	10.583 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	1721554	10.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	1568595	10.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1231117	9.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	1732686	11.625 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	1511827	10.839 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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